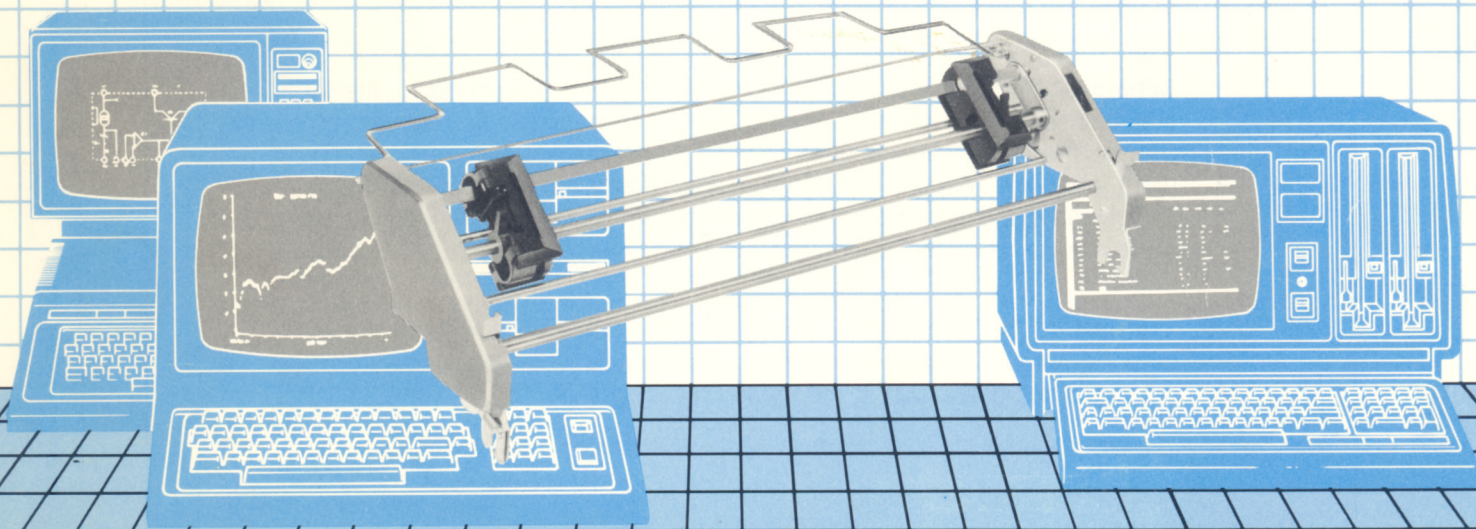


# **TRS-80<sup>®</sup>**

**Bi-Directional Tractor Kit  
for  
DMP-2100  
OPERATION MANUAL  
Catalog Number 26-1441**



**Radio Shack<sup>®</sup>**

**TRS-80**

**COMPUTER  
PRODUCTS**

CUSTOM MANUFACTURED FOR RADIO SHACK, A DIVISION OF TANDY CORPORATION

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# Introduction

Congratulations for selecting this Radio Shack Computer Product!

This Bi-Directional Tractor Feed Kit, especially designed for our DMP-2100 Printer (Radio Shack Catalog Number 26-1256), is a high-quality, reliable Tractor Feed which will help your Printer operate more efficiently than ever before.

Its special features include:

- Quick and simple installation or removal for easy access to the Printer, or for installing other types of paper feeders.
- Bi-directional control that prevents paper jamming as it moves forward or backward.
- Sprocket-controlled paper advancement that keeps fanfold paper uniformly straight and tight as it enters and leaves the Printer.
- Adjustable Paper Clamps that accept paper up to 15" wide.
- Paper Separators that keep paper separated as it enters and leaves the Printer.





# 1/ Description of the Tractor Feed Kit

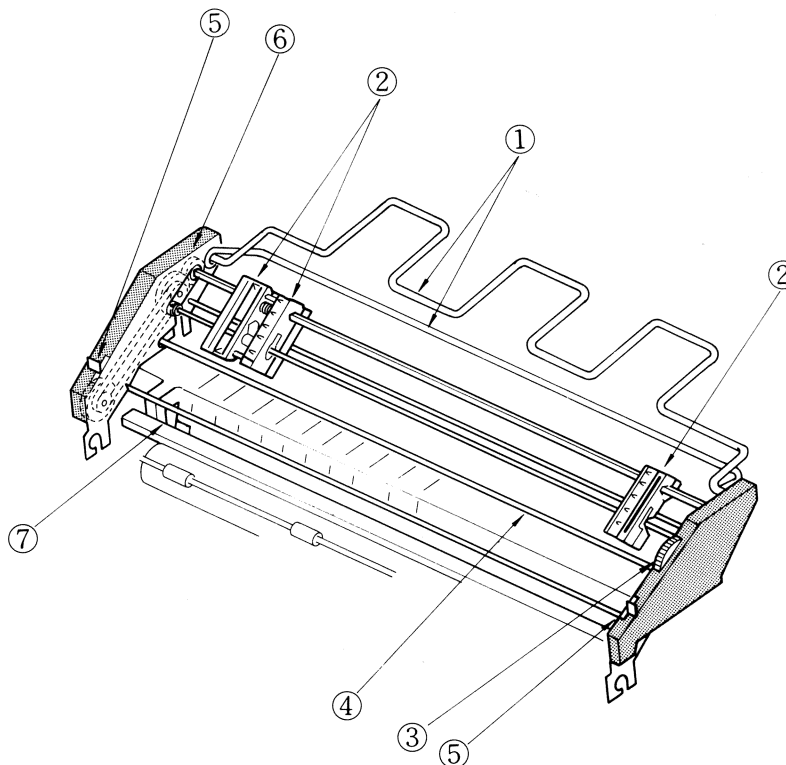


Figure 1

- ① **Paper Separators** (Upper and Lower). These keep the “incoming” paper separated from the “outgoing” paper, preventing paper jams.
- ② **Paper Clamps** (Upper and Lower). Be sure the paper is positioned over the pins before closing the clamps. This mechanism swivels up to load paper. The clamps also move to the left and right to adjust to the paper width.
- ③ **Paper Tension Dial**. Turn this dial away from you to tighten the paper. Paper must be tight if tractor feeding is to be efficient.
- ④ **Paper Tension Bar**. Move this bar by turning the Paper Tension Dial.
- ⑤ **Tractor Release Lever**. Push these levers towards the rear of the Printer before removing or installing the Tractor Feed Unit.
- ⑥ **Tractor Drive Mechanism**. The tractor gears and drive belts are located here.
- ⑦ **Paper Position Guide**.



## 2/ Setting Up the Tractor Feed Kit

1. Raise the Printer's Top Cover by firmly grasping it on both sides.
2. Remove both Top Cover Inserts by gently pulling them towards the center of the Printer. Press the center of the Inserts for easy removal. (See Figure 2.)

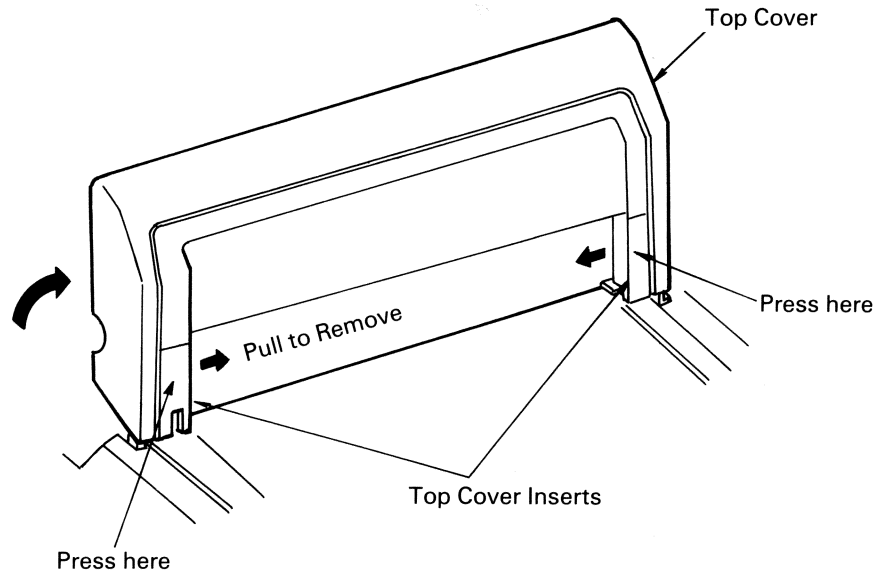


Figure 2

3. Lower the Top Cover.
4. Gently pull the Printer's Paper Bail Lever and Platen Pressure Lever towards the front of the Printer. Also move the Paper Position Guide to the extreme left.
5. Press the Tractor Release Levers and gently position the Tractor Feed's hooks over the Platen Shaft. Release the Levers. The Tractor Feed will then be attached to the Platen Shaft. (See Figures 3 and 4.) Gently turn the Platen Knob to insure proper meshing of the gears (located on the left side of the Tractor Feed Kit).

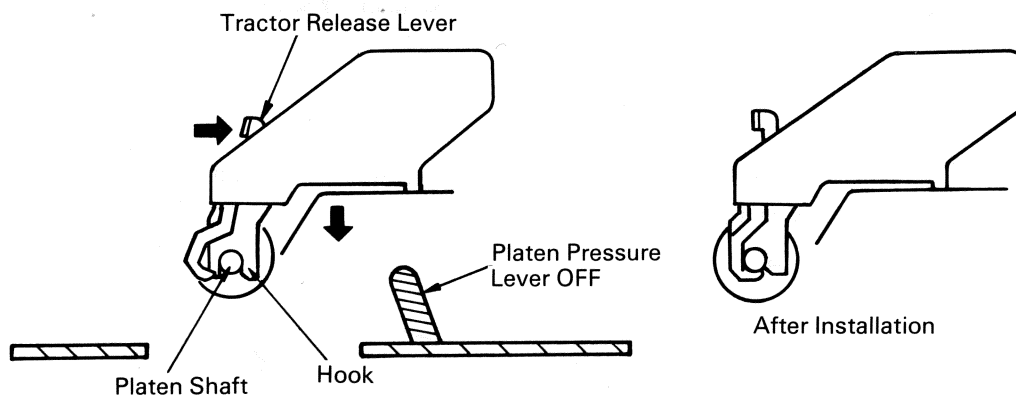


Figure 3

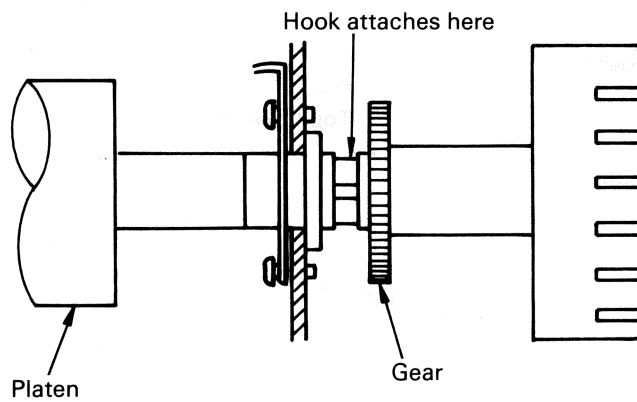


Figure 4

6. After the Tractor Feed unit is attached, be sure the Tractor Feed's Pin Belt (located above the gear on the left side) rotates when the Platen turns.

7. Insert the two-piece Paper Separator (if not installed yet) by gently squeezing the ends towards each other and inserting them into the holes on the back of the Tractor Feed. Be sure the lower part of the Separator sits on top of the support pins. (See Figure 5.)

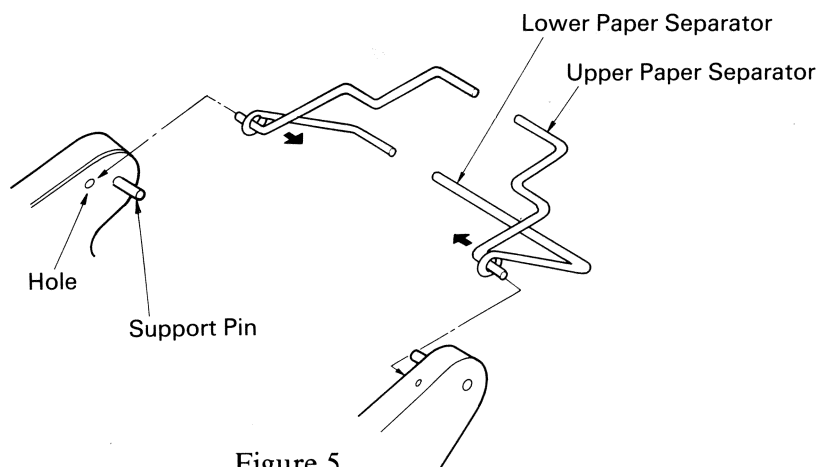


Figure 5

## Loading Paper

1. Before loading paper, turn the Paper Tension dial towards you so that tension is OFF.
2. Tilt the Tractor Feed unit up towards the rear of the Printer. Open the Bottom Paper Clamps.
3. Loosen the Clamp locks (gently pull the locks towards you) and slide the Clamps to the left and right to adjust to the paper width. Be sure to lock the Clamps into position once they have been adjusted. (See Figure 6.)

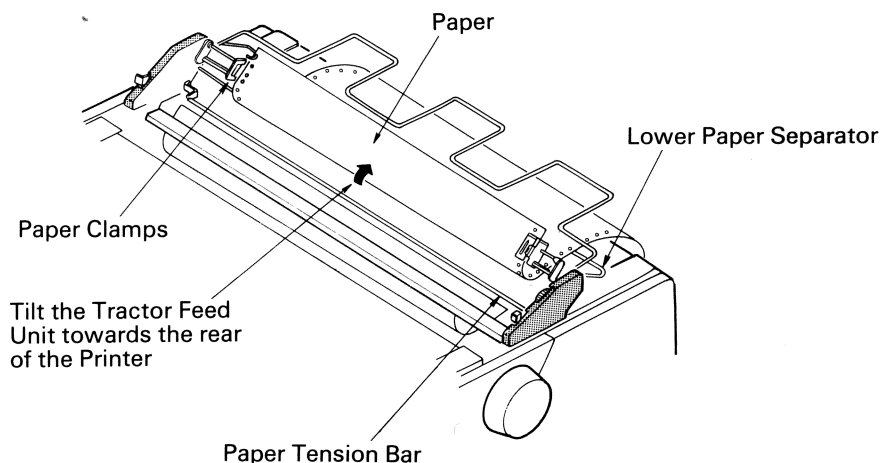


Figure 6

4. Thread the paper over the top of the Lower Paper Separator and directly to the Paper Clamps. *Do not* thread the paper under the middle support bar.
5. Position the paper on the pins and close the Paper Clamps.
6. Lower the mechanism.
7. Be sure the Platen Pressure Lever is set to the rear position so that pressure is ON.
8. Advance the paper by turning the Platen Knob so that the paper enters the Paper Insertion Opening above the Paper Tension Bar. (See Figure 7.)

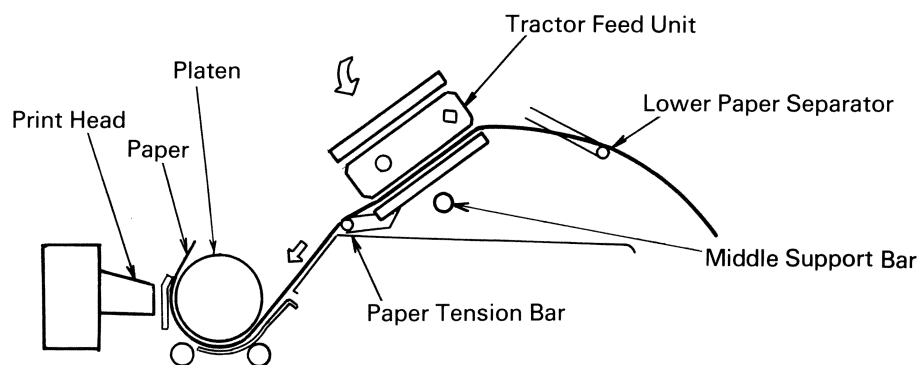


Figure 7

9. Move the Paper Bail away from the Platen.
10. Turn the Platen Knob to pull the paper around the Platen.
11. Open the top of the Paper Clamps and position the paper guide holes over the Sprocket Guide Pins. (Be sure to keep the paper straight.)
12. Close the Paper Clamps. (See Figure 8.)

**Note:** Keep the paper tight. Loose or slack paper will not feed properly.



13. Set the Platen Pressure Lever to the forward position so that pressure is OFF and friction-feed is disengaged.

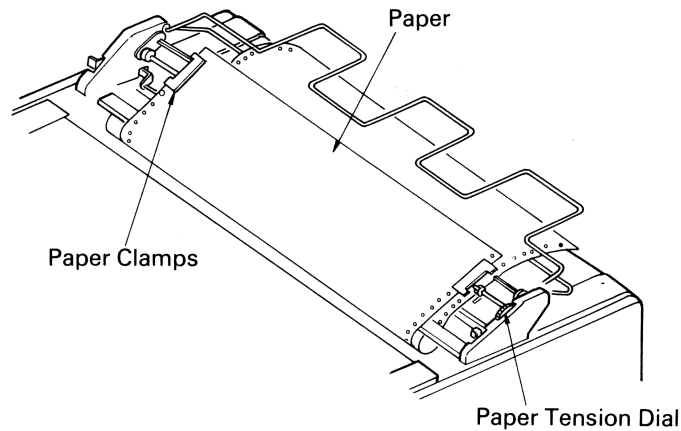


Figure 8

14. Turn the Paper Tension Dial away from you so that the Paper Tension Bar tightens the paper (be sure tension is ON before you attempt to print).
15. Advance the paper by turning the Platen Knob so that the paper exits over the top of the Upper Paper Separator. (See Figure 9.)

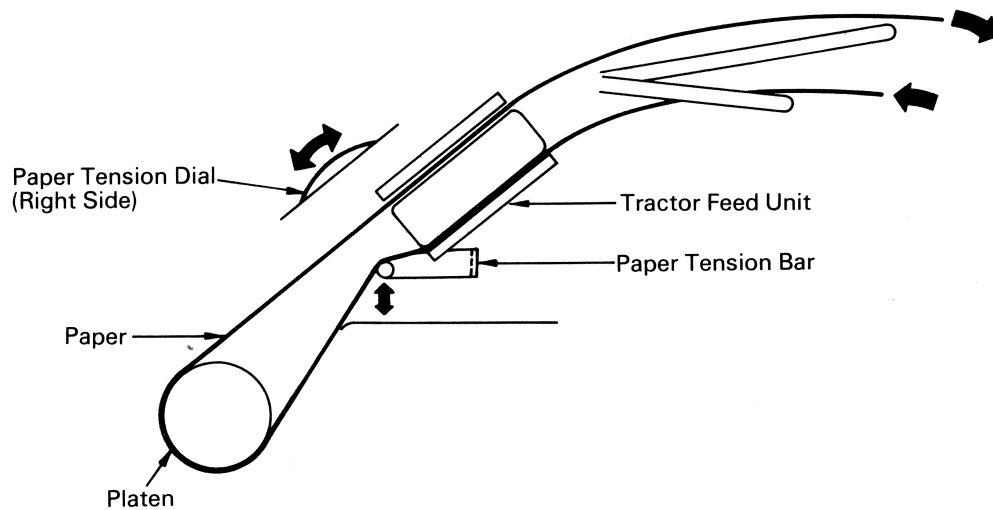


Figure 9

## Removing the Tractor Feed Kit

To remove the Tractor Feed Kit from the Printer, first remove the paper. Then press the Tractor Release Lever and lift up.



### 3/ Hints and Tips On Using the Tractor Feed Kit

- The red horizontal and vertical lines show the printing position on the paper.

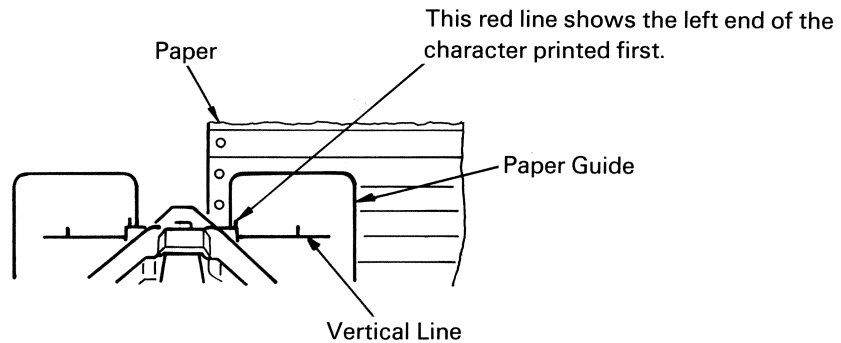


Figure 10

- Keep the Platen Pressure Lever positioned towards the front of the Printer.

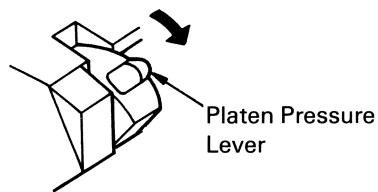


Figure 11

- Move the Paper Position Guide to the extreme left.

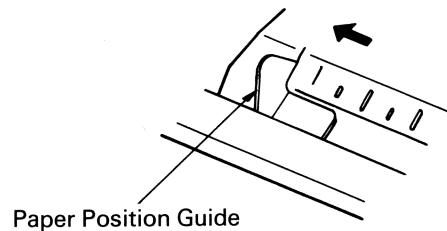
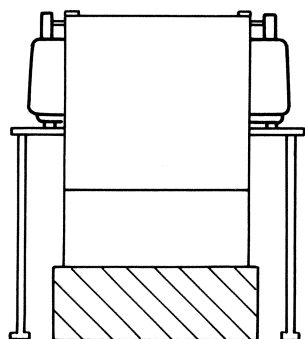
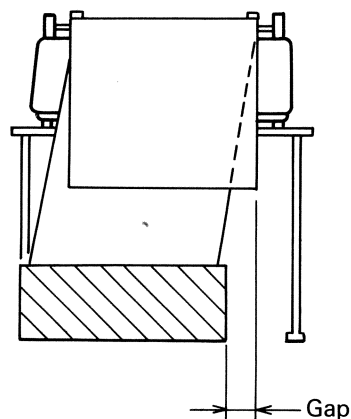


Figure 12

- Set the Printer's Copy Control Lever to the number range corresponding to the number of sheets of paper you are printing on.
- Position the stack of paper so that paper enters and exits straight.



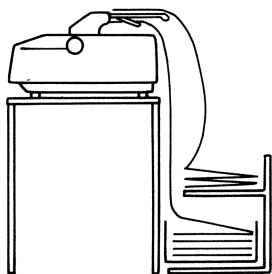
Correct



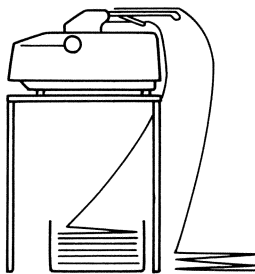
Incorrect

Figure 13

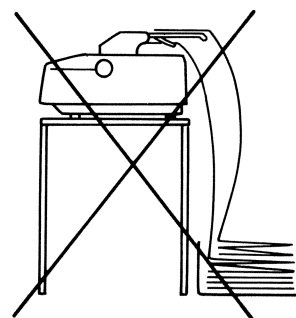
- Don't let printed paper stack up on top of unprinted paper.



Correct



Correct



Incorrect

Figure 14

## 4/ Specifications

<b>Mounting Method:</b>	Latch mounting at the Platen
<b>Paper Width:</b>	4 – 15'' (101.6-381 mm)
<b>Paper Weight:</b>	1 part (52.3-81.4 g/m <sup>2</sup> ) (14-22 lbs. bond paper) Multi-parts (39.5 g/m <sup>2</sup> non-carbon paper) (10 lbs. bond paper)
<b>Number of Copies:</b>	Up to 4 parts, including original (non-carbon paper) 2 parts (30 micro meter carbon paper)
<b>Ambient Temperature:</b>	41°F-104°F (5°C-40°C) (Temperature gradient must be within 10 deg/H)
<b>Ambient Humidity:</b>	20%-85% RH (non-condensing)
<b>Outside Dimensions:</b>	20.28'' × 9.76'' × 4.92'' (WDH) (515 mm × 248 mm × 125 mm)
<b>Weight:</b>	3.3 lbs. (1.5 kg)

*Memo*

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*Memo*

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**RADIO SHACK, A DIVISION OF TANDY CORPORATION**

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**CANADA: BARRIE, ONTARIO L4M 4W5**

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